

USPN: 09/982,741
Attorney Docket No. 544021/US028
Page 2 of 9

Amendments to the Claims:

This listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims:

1. (previously presented) A medical drape comprising:

a backing layer having a first surface and a second surface, where projecting from the first surface of the backing layer is an array of stems which are integrally formed with the backing layer;

wherein at least a portion of the exterior surface of the stems comprises an elastomeric material selected from the group consisting of anionic triblock copolymers; thermoplastic elastomers based on halogen-containing polyolefins; thermoplastic elastomers based on dynamically vulcanized elastomer-thermoplastic blends; thermoplastic polyether ester and polyester based elastomers; thermoplastic elastomers based on polyamides or polyimides; ionomeric thermoplastic elastomers; hydrogenated block copolymers in thermoplastic elastomer interpenetrating polymer networks; thermoplastic elastomers made by carbocationic polymerization; polymer blends containing styrene/hydrogenated butadiene block copolymers; polyacrylate-based thermoplastic elastomers; natural rubbers; butyl rubbers; EPDM rubbers; silicone rubbers; polyisoprenes; polybutadienes; polyurethanes; ethylene/propylene/diene terpolymer elastomers; chloroprene rubbers; random and block styrene-butadiene copolymers; random and block styrene-isoprene copolymers; acrylonitrile-butadiene copolymers; and mixtures and copolymers thereof;

wherein the aspect ratio of the stems on the first surface of the backing layer is at least about 1.25; and

wherein the drape has a static coefficient of friction when dry along at least a portion of the first surface of at least 0.6.

2. (original) The medical drape of claim 1 wherein the stems are generally upstanding.

USPN: 09/982,741
Attorney Docket No. 54402US038
Page 3 of 9

3. (original) The medical drape of claim 1 wherein the elastomeric material is thermoplastic.
4. (canceled)
5. (previously presented) The medical drape of claim 1 wherein the static coefficient of friction when wet is within 20 percent of the static coefficient of friction when dry.
6. (previously presented) The medical drape of claim 1 wherein the static coefficient of friction when wet is within 80 percent of the static coefficient of friction when dry.
7. (previously presented) The medical drape of claim 1 wherein the static coefficient of friction when wet is within 90 percent of the static coefficient of friction when dry.
8. (original) The medical drape of claim 1 wherein protruding from the second surface of the backing layer is a second array of stems.
9. (original) The medical drape of claim 1 further comprising a second backing layer adjacent to the second surface of the first backing layer, where projecting from the second backing layer is a second array of stems.
10. (original) The medical drape of claim 9 wherein at least a portion of the exterior surface of the stems of the second array comprises an elastomeric material.

U.S.S.N.: 09/982,741
Attorney Docket No. 544021/US028
Page 4 of 9

11. (original) The medical drape of claim 9 further comprising a reinforcing layer disposed between the first and second backing layers.

12. (original) The medical drape of claim 11 wherein the reinforcing layer is a nonwoven scrim material.

13. (original) The medical drape of claim 11 wherein the reinforcing layer is a woven scrim material.

14. (original) The medical drape of claim 1 further comprising a reinforcing layer adjacent to the second surface of the backing layer.

15. (original) The medical drape of claim 14 wherein the reinforcing layer is a nonwoven scrim material.

16. (original) The medical drape of claim 14 wherein the reinforcing layer is a woven scrim material.

17. (original) The medical drape of claim 14 further comprising a second backing layer adjacent to the reinforcing layer, where projecting from the second backing layer is a second array of stems.

18. (original) The medical drape of claim 17 wherein at least a portion of the exterior surface of the stems of the second array comprises an elastomeric material.

U.S.S.N.: 09/982,741
Attorney Docket No. 544021/S028
Page 5 of 9

19. (original) The medical drape of claim 1 further comprising micro-channels between the stems along at least a portion of the exterior of the first surface of the backing layer.

20. (original) The medical drape of claim 1 wherein the density of the stems on the first surface of the backing layer is at least 15.5 stems/cm².

21. (canceled)

22. (canceled)

23. (original) The medical drape of claim 1 wherein the elastomeric material further comprises at least one antioxidant.

24. (previously presented) A medical drape comprising:

a backing layer having a first surface and a second surface, where projecting from the first surface of the backing layer is an array of stems which are integrally formed with the backing layer;

wherein the aspect ratio of the stems on the first surface of the backing layer is at least about 1.25; and

wherein the drape has a static coefficient of friction when dry along at least a portion of the first surface of at least 0.6.

25. (New) A medical drape comprising:

a backing layer having a first surface and a second surface, where projecting from the first surface of the backing layer is an array of 15.5 to 1500 upstanding stems per centimeter squared which are integrally formed with the backing

U.S.S.N.: 09/982,741
Attorney Docket No. 544021/5028
Page 6 of 9

layer;

wherein at least a portion of the exterior surface of the stems comprises an elastomeric material with a Shore hardness of less than about 90A;

wherein the aspect ratio of the stems on the first surface of the backing layer is at least about 1.25;

wherein each stem has a maximum cross sectional dimension of 0.076 to 0.76 mm; and

wherein the drape has a static coefficient of friction when dry along at least a portion of the first surface ~~is~~ of at least 0.6.

26. (New) The medical drape of claim 25, wherein the elastomeric material has a Shore hardness of less than about 50 A.

27. (New) The medical drape of claim 25, wherein the drape has a dynamic shear strength of at least 112,034 dynes per centimeter squared.